

**What is claimed is:**

1 1.A LCD monitor, comprising:

2 A panel module having a gate driver and a source driver;

3 A control board disposed on a first side of the panel module,  
4 comprising:

5 An input interface for receiving plural types of video  
6 signals, adapted to select a first-type video signal from  
7 the plural types of video signals and generate a first  
8 digital video signal according to the first-type video  
9 signal;

10 A scaler module, comprising a time control unit, and  
11 is provided to receive the first digital video signal; and

12 A micro-processing device, adapted to output a first  
13 control signal that controls the scaler module to generate  
14 a gate/source-driving signal for the gate driver and the  
15 source driver according to the first digital video signal;

16

17 A frame structure, covering the periphery of the panel  
18 module; and

19 A cover structure conjugating the frame structure in the  
20 aspect of the first side, and covering upon the first side of  
21 the panel module and the control board thereon.

1 2.The LCD monitor of claim 1, wherein the plural types of  
2 video signals further comprise an EDID signal, and the control  
3 board further comprises a memory device for storing the EDID  
4 signal.

1 3.The LCD monitor of claim 1, wherein the first-type video  
2 signal is provided from a computer, and the first digital  
3 signal comprises RGB signals.

1        4.The LCD monitor of claim 3, wherein the input interface  
2 comprises an A/D converter.

1        5.The LCD monitor of claim 4, wherein the input interface  
2 is further adapted to select a second-type video signal from  
3 the plural types of video signals, and generate a second  
4 digital video signal according to the second-type video signal  
5 to the scaler module, and the micro-processing device outputs  
6 a corresponding second control signal that controls the scaler  
7 module to generate the gate/source-driving signal according  
8 to the second digital video signal, wherein the second-type  
9 video signal is from a video device.

1        6.The LCD monitor of claim 5, further comprising a  
2 switching board that is adapted to provide a switching signal  
3 to the scaler module, whereby adjusting the gate/source-  
4 driving signal and regulating the performance of pictures  
5 displayed on the panel module.

1        7.The LCD monitor of claim 6, further comprising a power  
2 module for supplying electric power to the LCD monitor.

1        8.The LCD monitor of claim 7, wherein the power module  
2 comprises an AC/DC adapter for converting an alternating  
3 current source into at least one direct current source,  
4 wherein the direct current source is adapted to supply the LCD  
5 monitor direct currents.

1        9.The LCD monitor of claim 8, wherein the AC/DC adapter is  
2 disposed on the control board.

Our Ref. No.: 0684-5891us/Final/Leo

1           10.The LCD monitor of claim 9, wherein the cover structure  
2    is fabricated from materials for resisting electromagnetic  
3    effects.